

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032222\
 Data File : BF127452.D
 Acq On : 22 Mar 2022 15:18
 Operator : CG\JU
 Sample : PB143505BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143505BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/23/2022
 Supervised By : Jagrut Upadhyay 03/23/2022

Quant Time: Mar 23 03:01:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 22 02:16:33 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	104811	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	391448	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	226296	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	385791	20.000	ng	0.00
76) Chrysene-d12	14.027	240	263960	20.000	ng	0.00
86) Perylene-d12	15.504	264	191083	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	802162	122.165	ng	0.02
7) Phenol-d6	6.492	99	1095034	122.003	ng	0.00
23) Nitrobenzene-d5	7.422	82	755555	82.506	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	276401	114.659	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1245595	80.375	ng	0.00
79) Terphenyl-d14	12.968	244	1363723	84.575	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.716	88	117127	40.614	ng	97
3) Pyridine	3.475	79	311223	38.235	ng	98
4) n-Nitrosodimethylamine	3.451	42	213611	47.797	ng	96
6) Aniline	6.516	93	446429	41.680	ng	97
8) 2-Chlorophenol	6.639	128	326365	48.638	ng	98
9) Benzaldehyde	6.404	77	205952	45.756	ng	99
10) Phenol	6.504	94	451645	46.206	ng	94
11) bis(2-Chloroethyl)ether	6.586	93	350893	49.060	ng	99
12) 1,3-Dichlorobenzene	6.786	146	339438	44.976	ng	98
13) 1,4-Dichlorobenzene	6.863	146	344274	45.350	ng	96
14) 1,2-Dichlorobenzene	7.016	146	324227	43.851	ng	98
15) Benzyl Alcohol	6.998	79	316618	48.540	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.122	45	591781	45.980	ng	93
17) 2-Methylphenol	7.110	107	270684	47.800	ng	95
18) Hexachloroethane	7.357	117	129951	46.758	ng	98
19) n-Nitroso-di-n-propyla...	7.269	70	253313	47.084	ng	99
20) 3+4-Methylphenols	7.263	107	318810	45.644	ng	# 89
22) Acetophenone	7.263	105	441329	44.105	ng	96
24) Nitrobenzene	7.439	77	400675	45.879	ng	98
25) Isophorone	7.675	82	740244	50.752	ng	98
26) 2-Nitrophenol	7.751	139	168954	46.127	ng	97
27) 2,4-Dimethylphenol	7.792	122	293465	53.263	ng	100
28) bis(2-Chloroethoxy)met...	7.881	93	427724	45.144	ng	100
29) 2,4-Dichlorophenol	7.998	162	286218	45.760	ng	97
30) 1,2,4-Trichlorobenzene	8.075	180	312873	42.926	ng	96
31) Naphthalene	8.157	128	918034	44.173	ng	99
32) Benzoic acid	7.951	122	129696	41.845	ng	94
33) 4-Chloroaniline	8.210	127	177810	22.079	ng	97
34) Hexachlorobutadiene	8.263	225	199440	43.091	ng	97
35) Caprolactam	8.598	113	82863m	42.973	ng	
36) 4-Chloro-3-methylphenol	8.698	107	318839	46.983	ng	99
37) 2-Methylnaphthalene	8.845	142	610043	45.650	ng	100
38) 1-Methylnaphthalene	8.945	142	584951	44.267	ng	97
40) 1,2,4,5-Tetrachloroben...	9.010	216	314268	43.677	ng	99
41) Hexachlorocyclopentadiene	8.992	237	282374	100.578	ng	99
43) 2,4,6-Trichlorophenol	9.127	196	191728	44.082	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	204359	45.645	ng	98
46) 1,1'-Biphenyl	9.310	154	745139	43.598	ng	99
47) 2-Chloronaphthalene	9.339	162	585675	43.516	ng	100
48) 2-Nitroaniline	9.445	65	231902	44.958	ng	97
49) Acenaphthylene	9.757	152	933225	45.866	ng	99
50) Dimethylphthalate	9.616	163	701889	44.584	ng	99
51) 2,6-Dinitrotoluene	9.686	165	153173	46.351	ng	94
52) Acenaphthene	9.927	154	520087	43.810	ng	97
53) 3-Nitroaniline	9.857	138	108116	29.825	ng	97
54) 2,4-Dinitrophenol	9.969	184	109965	67.462	ng	# 87
55) Dibenzofuran	10.098	168	772374	45.097	ng	99
56) 4-Nitrophenol	10.033	139	151884	82.321	ng	97
57) 2,4-Dinitrotoluene	10.092	165	188890	44.407	ng	94
58) Fluorene	10.445	166	621615	45.211	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.222	232	164389	41.530	ng	98
60) Diethylphthalate	10.316	149	612859	42.621	ng	99
61) 4-Chlorophenyl-phenylether	10.427	204	329446	40.490	ng	98
62) 4-Nitroaniline	10.480	138	142602	41.997	ng	97
63) Azobenzene	10.592	77	710361	41.868	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	92718	39.058	ng	97
66) n-Nitrosodiphenylamine	10.557	169	535646	45.611	ng	98
67) 4-Bromophenyl-phenylether	10.922	248	203461	45.172	ng	95
68) Hexachlorobenzene	10.986	284	229048	46.587	ng	97
69) Atrazine	11.080	200	196902	50.364	ng	97
70) Pentachlorophenol	11.192	266	156214	82.100	ng	97
71) Phenanthrene	11.410	178	894075	44.453	ng	100
72) Anthracene	11.463	178	915846	45.886	ng	99
73) Carbazole	11.621	167	819027	42.909	ng	99
74) Di-n-butylphthalate	11.933	149	900171	45.560	ng	99
75) Fluoranthene	12.598	202	1001253	45.260	ng	98
77) Benzidine	12.721	184	431995	68.638	ng	100
78) Pyrene	12.827	202	1001117	44.192	ng	100
80) Butylbenzylphthalate	13.439	149	359492	48.216	ng	91
81) Benzo(a)anthracene	14.021	228	814217	46.125	ng	99
82) 3,3'-Dichlorobenzidine	13.980	252	154538	29.788	ng	# 96
83) Chrysene	14.057	228	740969	44.328	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	457517	53.084	ng	98
85) Di-n-octyl phthalate	14.598	149	648949	56.583	ng	100
87) Indeno(1,2,3-cd)pyrene	17.015	276	590532	45.672	ng	99
88) Benzo(b)fluoranthene	15.074	252	571895	47.467	ng	99
89) Benzo(k)fluoranthene	15.104	252	584398	46.789	ng	100
90) Benzo(a)pyrene	15.445	252	547665	55.388	ng	97
91) Dibenzo(a,h)anthracene	17.021	278	516009	48.338	ng	99
92) Benzo(g,h,i)perylene	17.468	276	523585	47.453	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

